

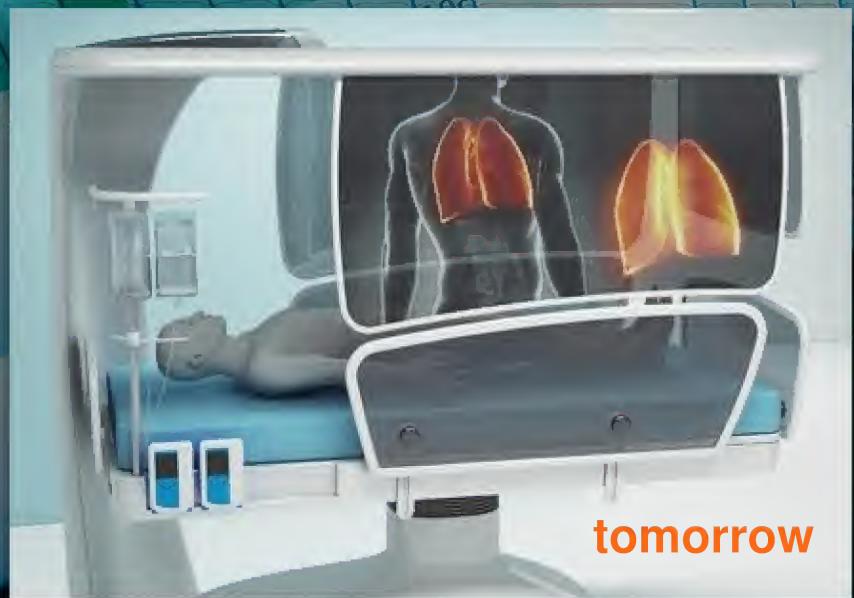


# ESTABLISHING AN ENGINEERING-FOCUSED COLLEGE OF MEDICINE (NewCOM)

Phyllis M. Wise, Chancellor

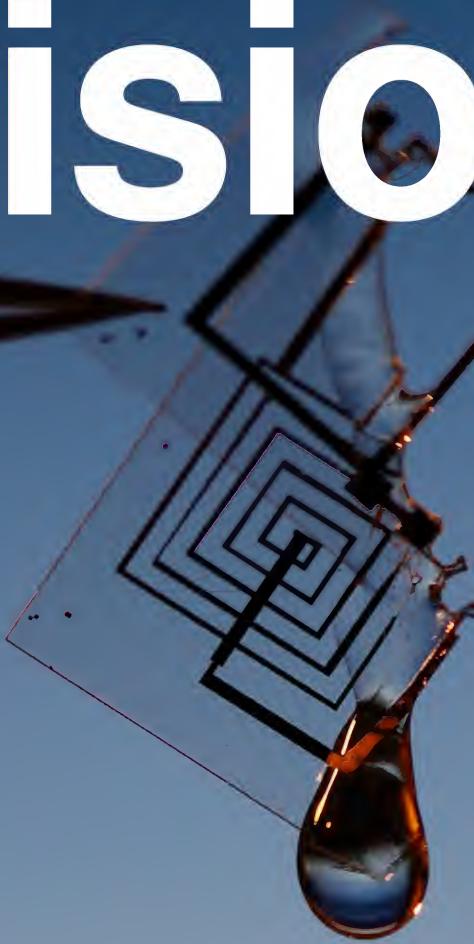
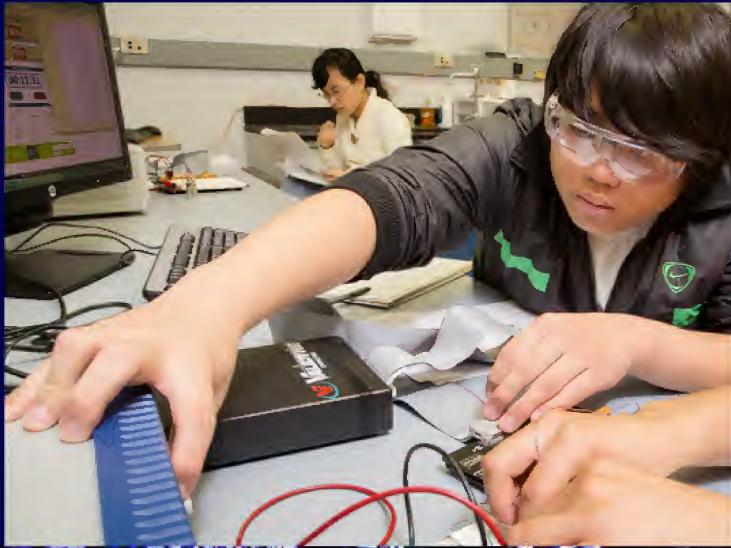
James C. Leonard, MD, President and CEO, Carle Health System

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Engineering  
the future of  
medicine

# Our vision



- Better Healthcare
- More People
- Lower Cost



# Engineering Technology Big Data





Unique  
partnership

# Distinguishing characteristics



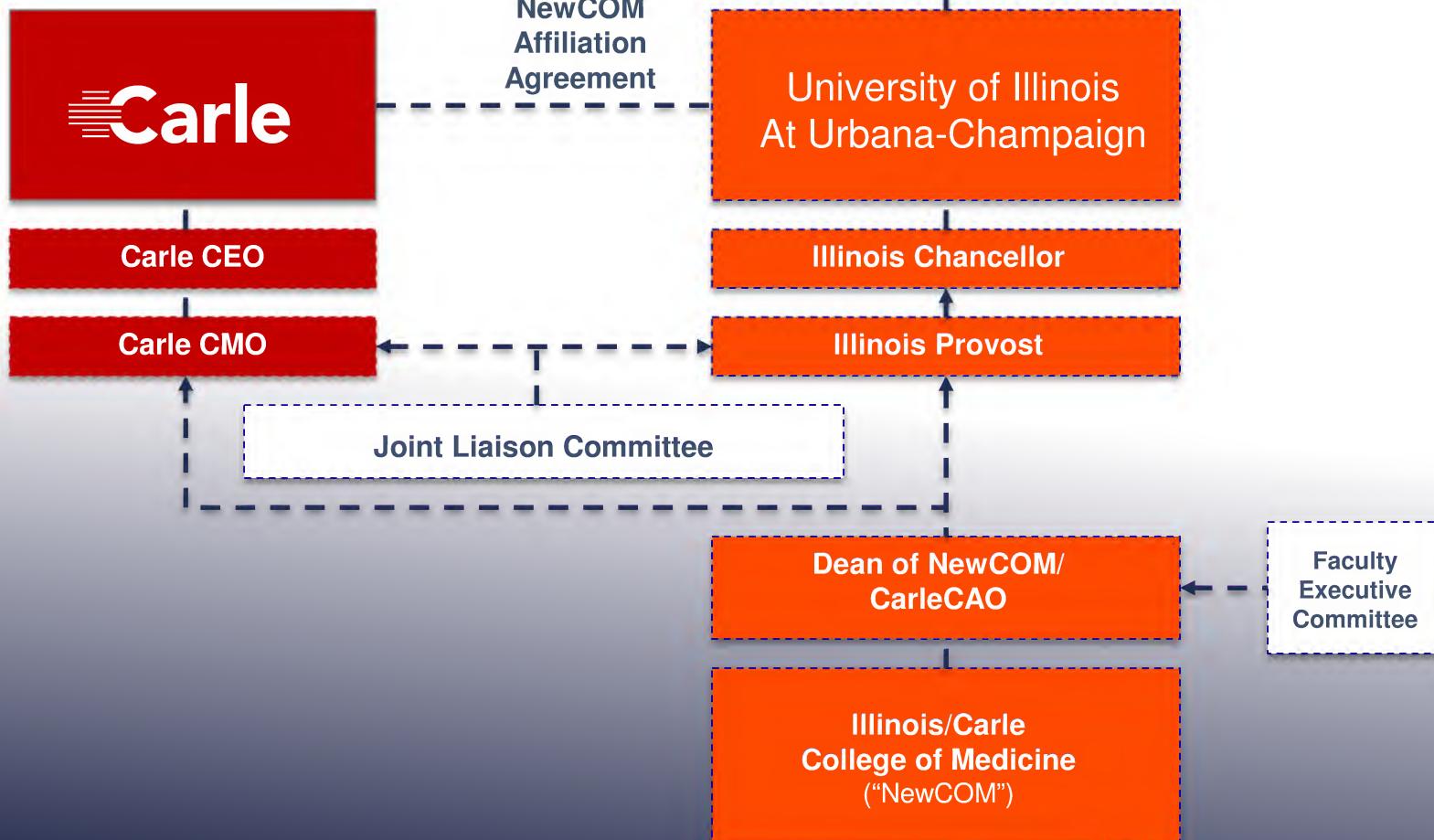
# Governance

# Governance of the College



- A college of the University of Illinois at Urbana-Champaign
- Subject to control of the Board of Trustees of the University of Illinois
- Operates under University Statutes
- Separately accredited from the UIC College of Medicine

# Partnership with Carle



# The Dean of the NewCOM

- **Dual titles:** dean of the NewCOM and chief academic officer at Carle Health System
  - Reports to provost as dean
  - Reports to the Carle chief medical officer (“CMO”) chief academic officer
- **Faculty Executive Committee** will serve in an advisory capacity to the dean

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# The Faculty and Staff

- **23 new core faculty members**
- **40-50 part-time physicians** (10 FTE equivalent) employed by Carle by 2024-2025
- **75.5 new faculty and staff** expected to support operations of the NewCOM by 2024-2025
- **400 physicians** employed by Carle in 70+ specialties
- **130 more physicians** to be recruited by Carle in the next 5 years

# Impact on UIC

- **No request for new support** from state General Revenue Funds (GRF)
- **UIC medical students** will continue to be taught at Urbana and will not be displaced
- **UIC-Illinois collaborations** have remarkable potential to grow

# Financial Plan

# Financial plan to support the NewCOM

## Key Elements

- **\$100 million** over 10 years from Carle
- **\$1.5 million** additional annual contribution from Carle
- **\$135 million** endowment raised over the next 8 years
- NewCOM always shows a cumulative positive balance

### Total Start-up Revenue

- Carle Health System Contribution
- Tuition and Fees
- Research Revenue
- Clinical Practice Revenue
- Philanthropy and other income

**\$44.8 million**

### Total Start-up Costs

- Salaries/Wages/Benefits
- Faculty Startup Packages
- Sponsored Research Expenditures
- Facilities/equipment
- General Expenses

**\$37.4 million**

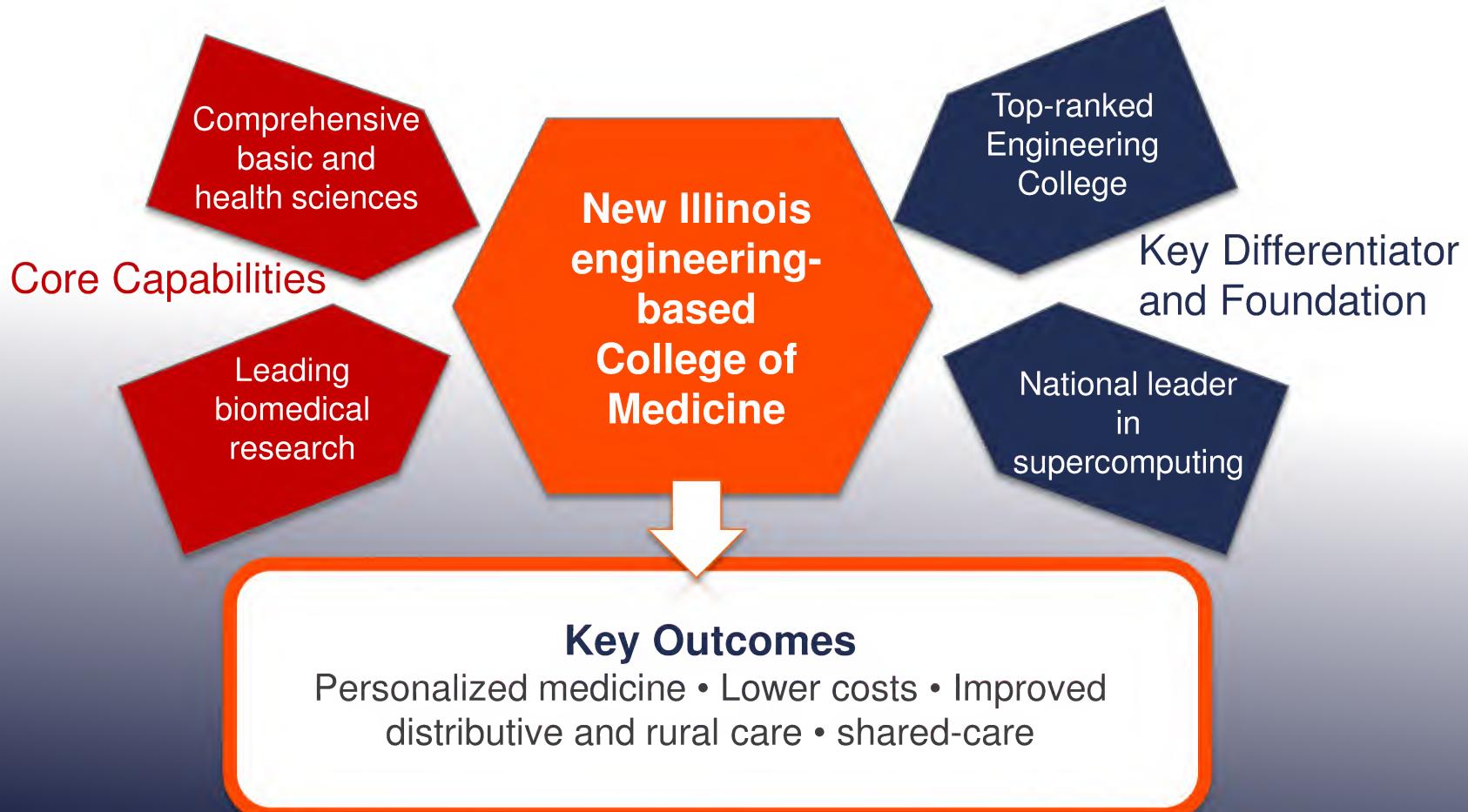
# Economic Development



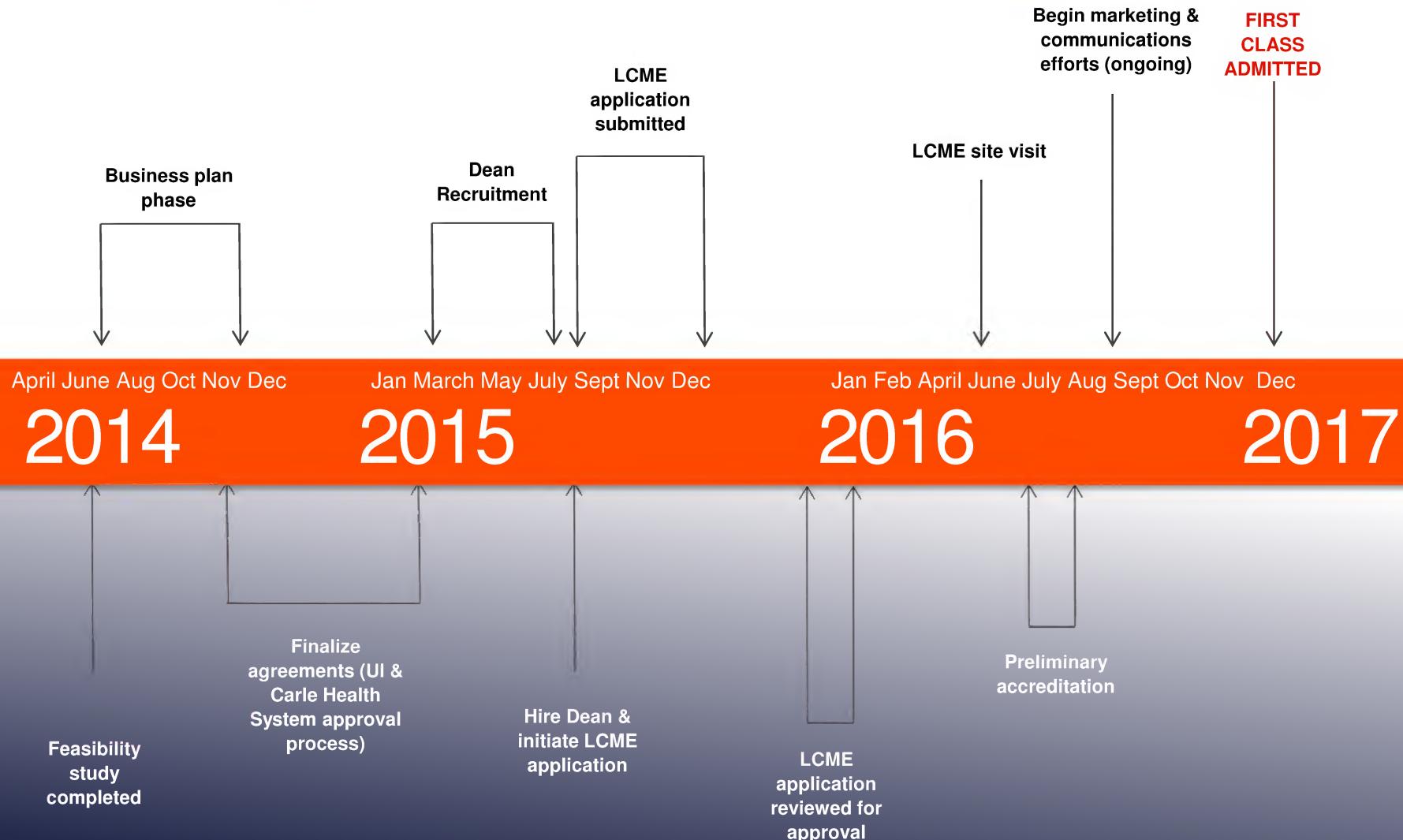
# The Curriculum: **Engineering Inspired Medicine**

## **New Model of Medical Education**

Based on engineering principles • data synthesis and new technology training • doctors as engineers and problem-solvers



# Timeline





# The College of Medicine

Carle Health System

University of Illinois  
at Urbana-Champaign